

ABSTRACT OF THE DISCLOSURE

5 A thermo- and photo stable composition comprising a
chitosan/xanthan hydrogel including at least one thermo- or photo-sensitive
substance chosen among the following: vitamins, amino-acids, nucleic
acids, and polypeptides. The hydrogel can be adapted to release the
thermo- or photo-sensible substances in either a human or an animal. The
present invention also discloses a method of making these hydrogel
composition. Additionally, the present invention presents a method of using
10 these hydrogel composition in dermatology or as a food supplement.

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